



LIFTMOTOR

PM160

For gearless lift applications

EN

DE

ES

FR

IT



PM160
PM160
PM160
PM160

PM 160

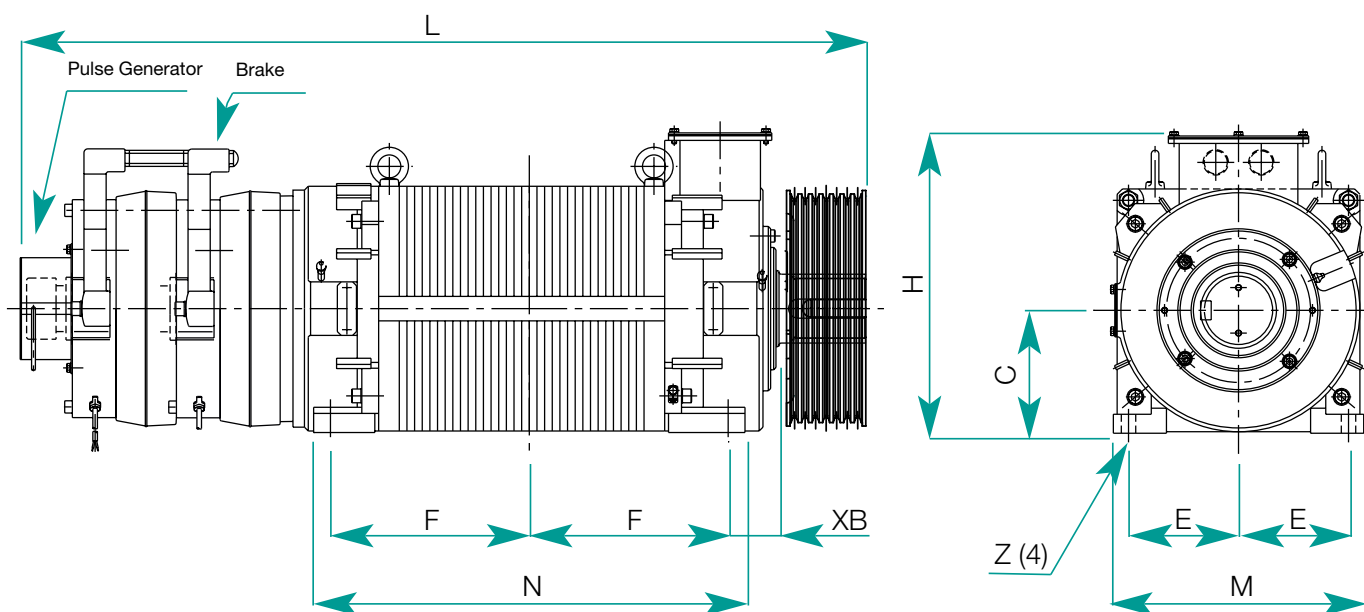


PM 160

Rated Output*	Rated Load	450 kg	630 kg	800 kg	1000 kg	Motor rated Speed**
	Elevator Speed					
	0.75 m/s	2.1 kW	2.9 kW	3.7 kW	4.6 kW	90 rpm
	1.0 m/s	2.8 kW	3.9 kW	4.9 kW	6.2 kW	120 rpm
	1.6 m/s	4.2 kW	6.2 kW	7.9 kW	9.8 kW	191 rpm
	1.75 m/s	4.9 kW	6.8 kW	8.6 kW	11 kW	209 rpm
Motor Frame No. (PM-)		160ES		160EL		
Mounting Method		Foot mounted				
Enclosure		Totally enclosed self-cooled (IEC IP44)				
Power supply		400 V class (50, 60 Hz) Inverter input voltage				
Maximum rated torque		200%				
Time rating		50% ED				
Thermal classification		F				
Environment	Location	Indoor				
	Temperature	-10°C to +40°C				
	Humidity	90% RH or less (non-condensing)				
	Altitude	max. 1000 m				
Encoder		Pulse generator				
Brake		Electro magnetic brake				

*: Rated output: The table has been calculated with a total system efficiency of 80 %.

**: The traction sheave diameter is 320 mm.



Frame No.	Dimensions (mm)									Mass (kg)
	C	E	F	H	L	M	N	XB	Z	
SSE-160ES	165	145	177.5	415	778	340	403	48.5	M19	355
SSE-160EL			232.5		914		513			445

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